

WHAT IS CLAIMED IS:

1. A user authentication method for a remote control apparatus, comprising:
performing a first user authentication process after a user has input a command for control of a controlled device;
confirming whether a secondary authentication for said controlled device is required, if said user authentication was successful; and
performing a secondary authentication process if the secondary authentication process is necessary.
2. The user authentication method of claim 1, wherein confirming whether a secondary authentication for said controlled device is required, if said user authentication was successful, is based on the type of controlled device.
3. The user authentication method of claim 1, wherein performing a first user authentication process comprises comparing user authentication information input by a user with corresponding stored user authentication information.
4. The user authentication method of claim 3, wherein comparing user authentication information comprises:
confirming whether said controlled device requires a primary authentication, upon input of a command for control of said controlled device by said user;
receiving information for user authentication; and

comparing said received information with the corresponding user authentication information stored, if a primary authentication is required.

5. The user authentication method of claim 1, wherein performing a secondary authentication process if the secondary authentication process is necessary comprises:

transmitting an authentication data to said controlled device if a secondary authentication is required, wherein the controlled device compares the authentication data to stored data.

6. The user authentication method of claim 1, wherein the controlled device provides a notification that the secondary authentication was successful.

7. The user authentication method of claim 5, wherein the method further comprises:

transmitting a control data corresponding to said user's command to said controlled device, after notification has been received from said controlled device that said secondary authentication was successful.

8. The user authentication method of claim 5, wherein the authentication data comprises biometric information.

9. The user authentication method of claim 7, wherein transmitting a control data comprises:

accessing information from a memory unit regarding a communication device associated with said controlled device; and

transmitting data through said communication device.

10. The user authentication method of claim 1, further comprising:
transmitting authentication data and control data corresponding to said user's command to the controlled device, if a secondary authentication is required; and

operating the controlled device in accordance with said transmitted control data, if authentication at the controlled device with said authentication data was successful.

11. The user authentication method of claim 10, wherein confirming whether a secondary authentication for said controlled device is required, if said user authentication was successful, is based on the type of controlled device.

12. The user authentication method of claim 10, wherein performing a first user authentication process comprises comparing user authentication information input by a user with corresponding stored user authentication information.

13. The user authentication method of claim 10, wherein performing a secondary authentication process, if the secondary authentication process is necessary, comprises:

transmitting an authentication data to said controlled device if a secondary authentication is required, wherein the controlled device compares the authentication data to stored data.

14. The user authentication method of claim 13, wherein the controlled device provides a notification that the secondary authentication was successful.

15. The user authentication method of claim 13, wherein the authentication device comprises biometric information.

16. The user authentication method of claim 12, wherein comparing user authentication information includes:

confirming whether said controlled device requires a primary authentication, upon input of a command for control of said controlled device by said user;

receiving information for user authentication; and

comparing said received information with the corresponding user authentication information stored, if a primary authentication is required.

17. The user authentication method for remote control of claim 10, wherein transmitting authentication and control data comprises:

accessing information from a memory unit regarding a communication associated with said control device; and

transmitting data through said communication device.

18. A remote control apparatus, comprising:

means for performing a first user authentication process after a user has input a command for control of a controlled device;

means for confirming whether a secondary authentication for said controlled device is required, if said user authentication was successful; and

means for performing a secondary authentication process if the secondary authentication process is necessary.

19. A remote control apparatus, comprising:

an input unit configured for input of information by a user;

a memory unit configured to store control data for controllable devices, primary and secondary authentication information for said controllable devices, and authentication data for user authentication;

a communication unit configured to transmit control data of said controllable devices; and

a processing unit configured to confirm whether a primary and/or secondary authentication is required for said controllable device, and perform the primary and/or secondary authentication.

20. The remote control apparatus of claim 19, further comprising a display unit configured to display a list of controllable devices.

21. The remote control apparatus of claim 19, wherein the input unit comprises a biometric information input unit configured to input biometric information of a user.

22. The remote control apparatus of claim 19, wherein said remote control apparatus comprises two or more communication units, and wherein information on said communication units is stored in said memory unit.

23. The remote control apparatus of claim 22, wherein said remote control apparatus comprises a PDA, and said two or more communication units comprise an infrared ray communication interface and a mobile communication network interface.

24. The remote control apparatus of claim 22, wherein said remote control apparatus comprises a mobile telephone, and said two or more communication units comprise a mobile communication network interface and a Bluetooth interface.